

API

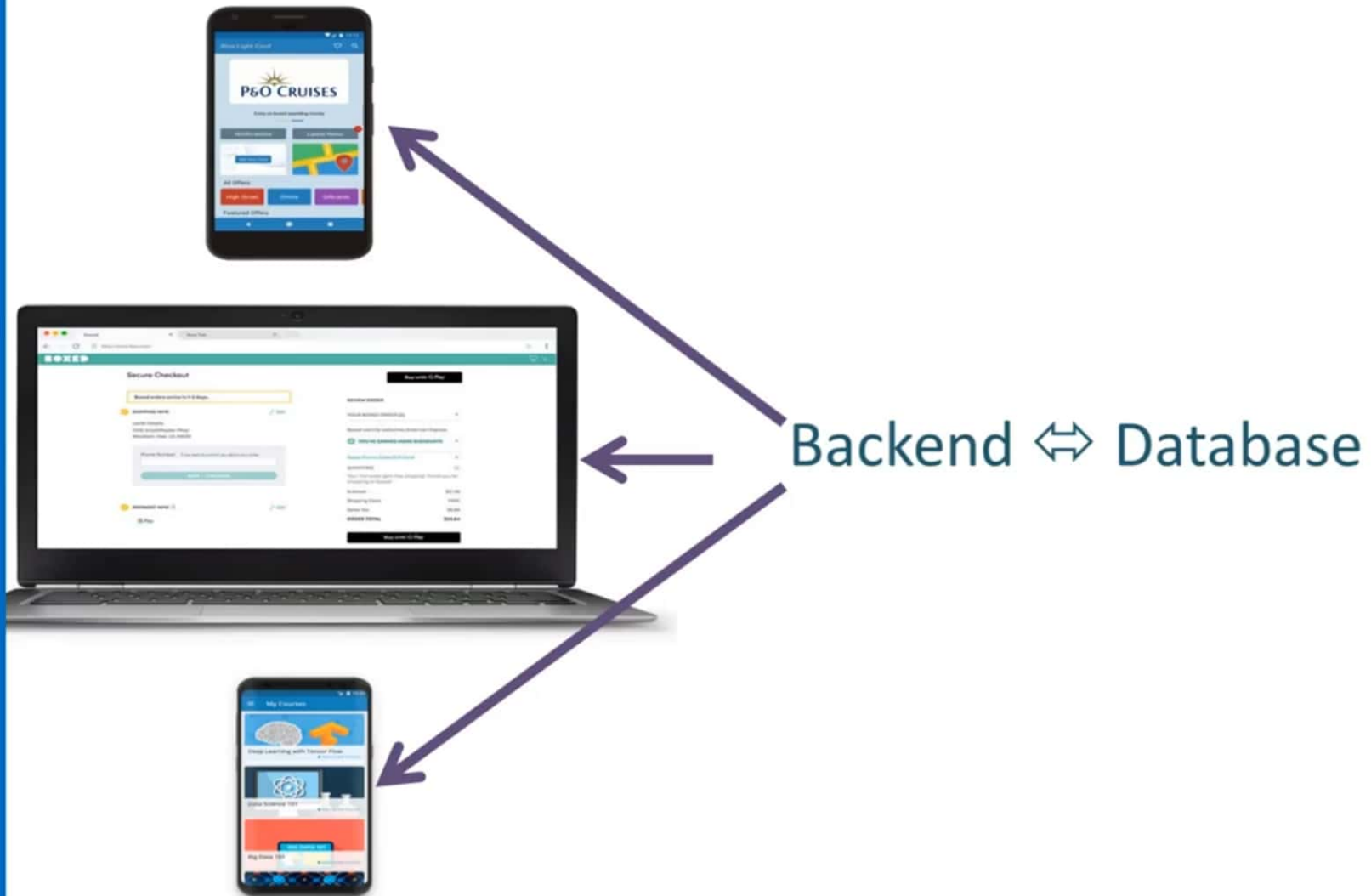
Application **P**rogramming **I**nterface

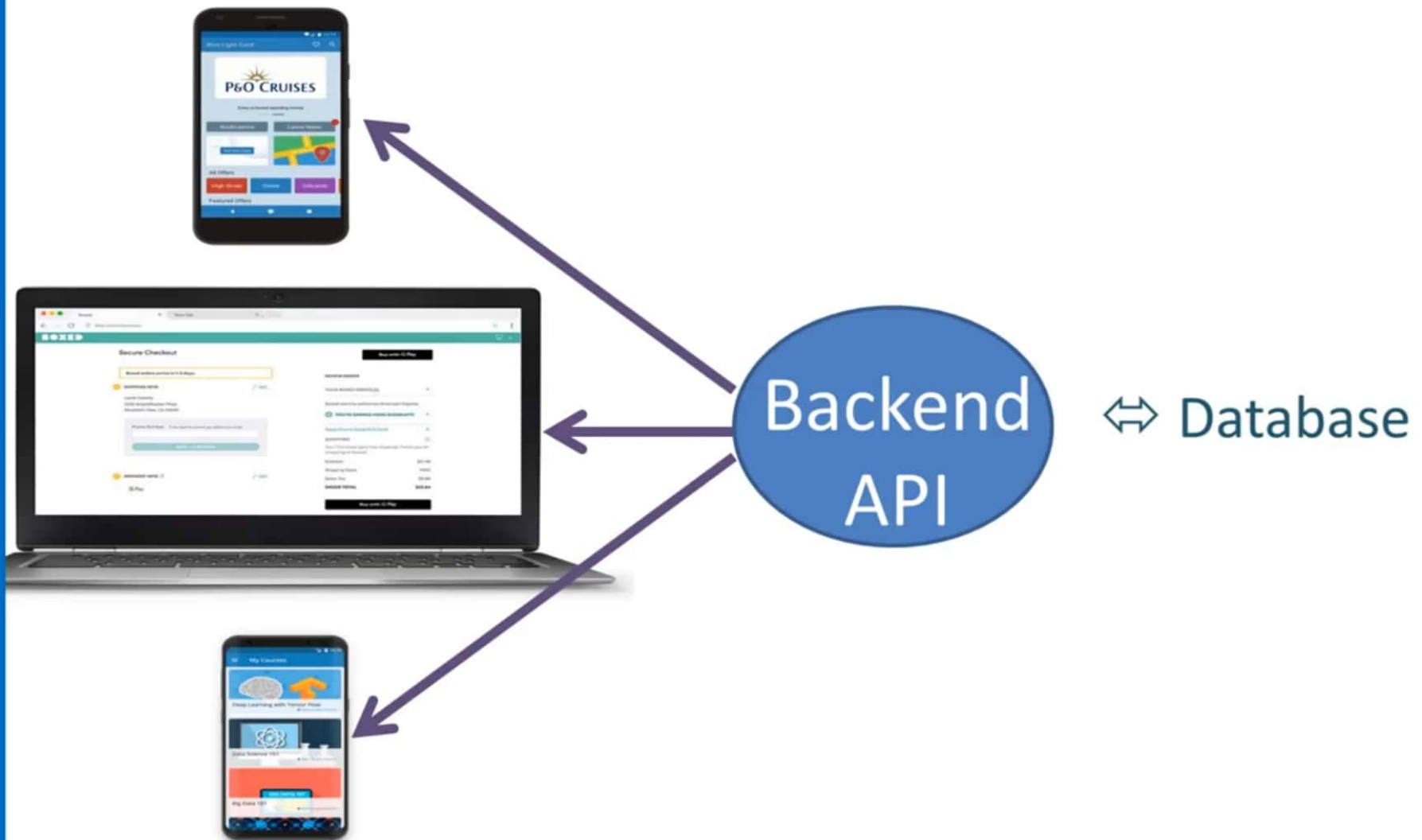
Data ↔ API

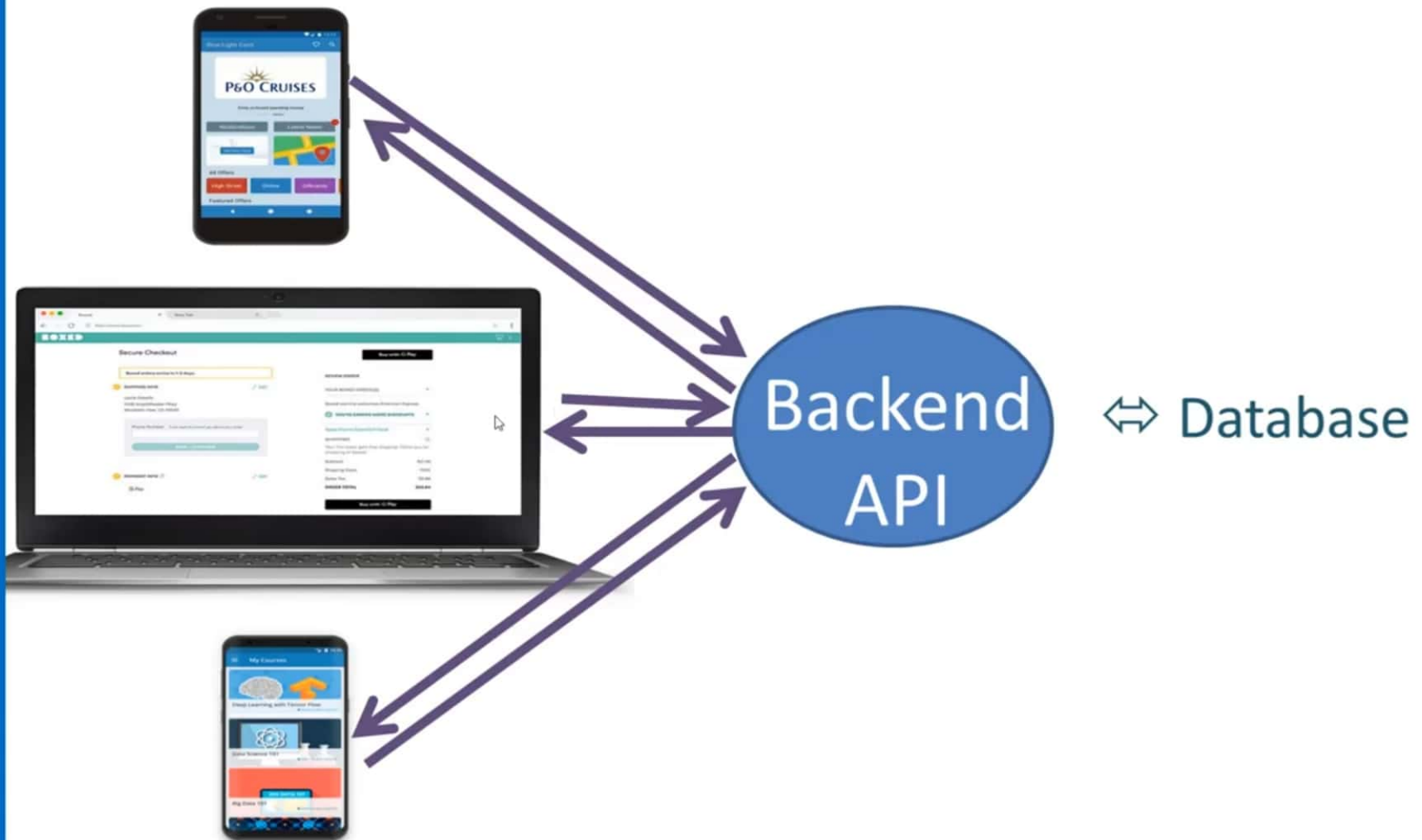


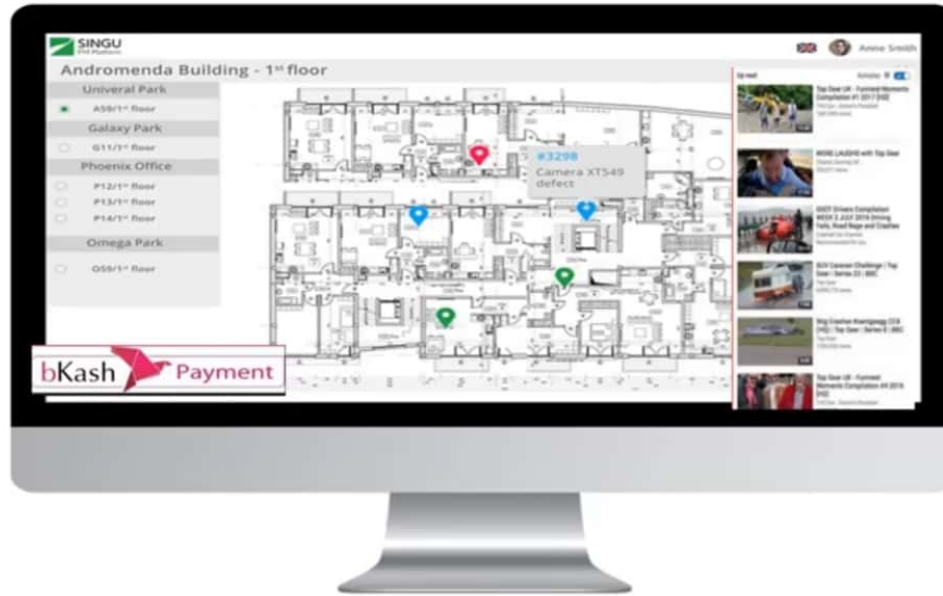
↔ Backend ↔ Database

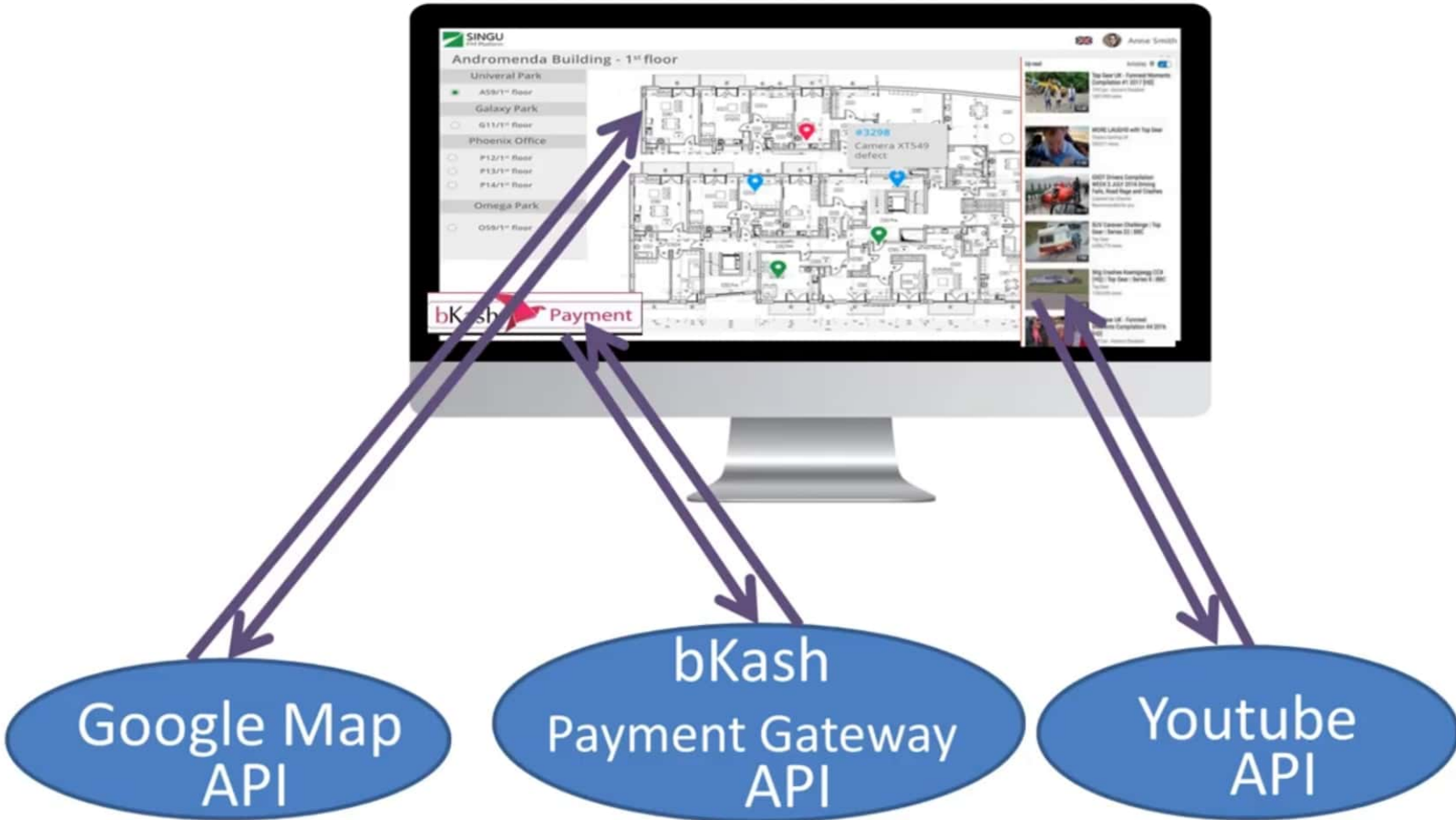
Data ↔ Backend ↔ Database

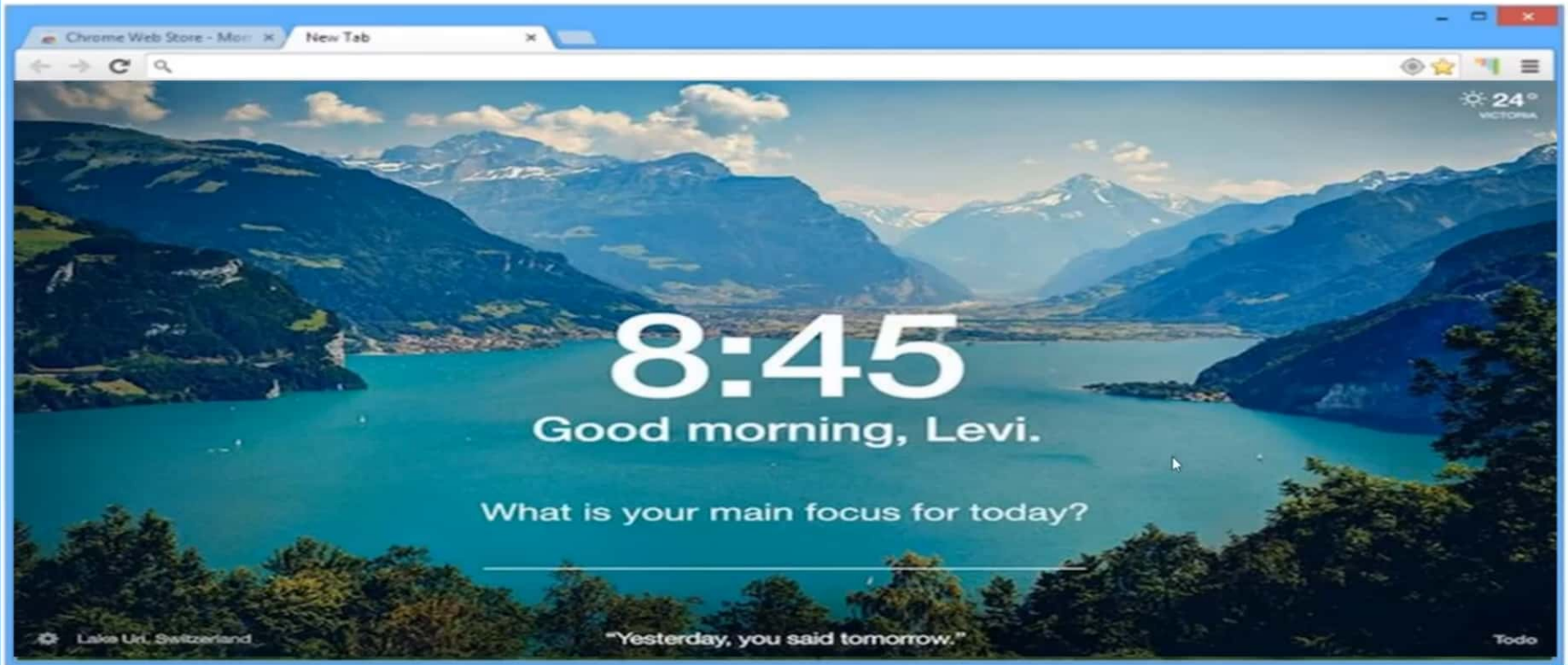












Data ↔ Backend API ↔ Database

XML Format

```
<?xml version="1.0" encoding="UTF-8"?>
<root>
  <students>
    <element>
      <age>21</age>
      <department>Software Engineering</department>
      <id>162-3-1666</id>
      <name>Abdurr Rahman</name>
    </element>
    <element>
      <age>21</age>
      <department>Software Engineering</department>
      <id>162-3-1667</id>
      <name>Abdullah Al Mamun</name>
    </element>
  </students>
</root>
```

JSON Format

```
1 {
2   "students": [{
3     "id": "162-3-1666",
4     "name": "Abdurr Rahman",
5     "age": 21,
6     "department": "Software Engineering"
7   },
8   {
9     "id": "162-3-1667",
10    "name": "Abdullah Al Mamun",
11    "age": 21,
12    "department": "Software Engineering"
13  }
14 ]
15 }
```

API থেকে কিভাবে Data আনতে হয়?



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